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April 11, 2023

VIA E-FILING

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street, 2nd Floor
Harrisburg, PA 17120

**Re: Completed Restoration of Momentary and Sustained Interruptions –
Pennsylvania Electric Company; Docket No. M-2021-3023564**

Dear Secretary Chiavetta:

Pursuant to 52 Pa. Code § 67.1, Pennsylvania Electric Company (“Penelec”) submits written notification of completed restoration efforts following storm conditions that began on March 25, 2023 that caused multiple service interruptions in the Penelec service territory.

Attached please find the details relative to the impact of this recent outage event and the restoration activities that took place. It should be noted that the review and approval process of this outage information is still in progress at the time of filing this report and as such, all outage information contained in this report should be considered preliminary.

If you have any questions, please contact me at (610) 212-8331.

Sincerely,



Darsh Singh

Enclosures

c: Dan Searfoorce - PaPUC Bureau of Technical Utility Services (via electronic mail)
Derek Ruhl - PaPUC Bureau of Technical Utility Services (via electronic mail)
John Van Zant - PaPUC Bureau of Technical Utility Services (via electronic mail)
Harry Bidelspach – PaPUC Bureau of Technical Utility Services (via electronic mail)

ELECTRIC UTILITY REPORT OF OUTAGE TO
PENNSYLVANIA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU
P O BOX 3265
HARRISBURG, PA 17105-3265

1. Reporting Utility: Pennsylvania Electric Company ("Penelec")
Address: 800 Cabin Hill Road
Greensburg, PA 15601

2. Name and title of person making report:

Scott Wyman President, Pennsylvania Operations
(Name) *(Title)*

3. Telephone number: (724) 838-6150
(Telephone Number)

4. Date and time report was made to Commission:

March 25, 2023 1340
(Date) *(Time)*

5. Interruption or Outage:

(a) Number of customers affected: 52,365 (Represents 9% of Penelec's total customers).

(b) Approximate number of outage cases and trouble cases for each county affected during event: See response to 5(c).

(c) Approximate number of outages for each county affected during the event:

County	Outages	Outage Cases	Trouble Cases
Bedford	17	2	5
Blair	283	9	12
Bradford	113	5	6
Cambria	67	5	24
Centre	14	1	1
Clarion	3281	16	23
Clearfield	37	4	13
Crawford	17673	97	298
Cumberland	2	2	0
Erie	10515	80	250
Forest	1394	10	24
Franklin	24	1	3
Indiana	186	8	6
Jefferson	58	4	14
Mckean	1667	21	68
Mifflin	72	3	5
Somerset	1577	7	21
Susquehanna	6	4	10
Tioga	177	14	3
Venango	7684	81	193
Warren	7144	41	72
Wayne	5	1	1
Westmoreland	347	2	3
Wyoming	22	1	0
Total	52,365	585	1,054

(d) Approximate number of outage cases exceeding 6 or more hours in duration: 337

(e) A listing of each outage case exceeding 6 or more hours in duration:
See Attachment A.

(f) Reason for the interruption or outages: Beginning the morning of Saturday, March 25, 2023, a severe weather system moved through Penelec’s service territory. The storm produced high winds with wind gusts up to 58 miles per hour in northern Penelec and up to 80 miles per hour in southwestern Penelec. Winds continued to affect the Penelec territory during restoration as gusts above 30 miles per hour continued, in southwestern Penelec, on Sunday March 26. See Attachment B for the maximum wind gusts for March 25 & 26, 2023 and 24-hour total precipitation.

- (g) Damage as a result of the high winds included downed trees/power lines, damaged and broken poles/crossarms, and damaged equipment. Meadville and Oil City were the hardest hit areas. Approximately 52% of the total outages that occurred were tree related.

Preliminary data indicate the reliability impact of the storm was 55.2 minutes of SAIDI, 0.09 of SAIFI, and an overall storm CAIDI of 610.35 minutes.

- (h) Projected time of restoration: It was estimated that the majority of customers would be restored by 2300 on March 29, 2023.

See Attachment C for the restoration curve and Attachment D for the order restoration graphs.

- (i) The number of utility workers, contract workers, and workers received as mutual aid assigned specifically to the repair work by general function:

Company	# of Workers	General Function
Penelec	202	Penelec Line Workers
Met-Ed	30	Line Workers
West Penn Power	6	Line Workers
Subtotal	238	Line Workers
Lewis Tree Service	23	Forestry Contractor
Davey Tree Experts	30	Forestry Contractor
PennLine Service	20	Forestry Contractor
Subtotal	73	Forestry Contractor
Agostino Utilities	63	Line Contractor
NG Gilbert	15	Line Contractor
I.B.Abel	9	Line Contractor
Thayer	7	Line Contractor
Henkel's & McCoy	41	Line Contractor
Subtotal	135	Line Contractor
Penelec	72	Hazard Dispatchers
Penelec	9	Damage Assessors
Penelec	3	Hazard/Damage Coordinators
Subtotal	84	Hazard Responders/Damage Assessors
Penelec	9	Forestry Supporting Roles
Met-Ed	17	Supporting Roles
West Penn Power	1	Supporting Roles
Penelec	112	Supporting Roles
Subtotal	139	Supporting Roles
Grand Total	669	

- (j) The date and time of the first information of a service interruption: March 25, 2023 at 0656.
- (k) The date and time that repair crews were assembled: March 25, 2023 at 0656
- (l) The actual time that service was restored to the last affected customer: March 28, 2023 at 2340.
- (m) A general description of the physical damage sustained by the utility facilities as a result of the interruption/outage:

Equipment	Number
Crossarms Replaced	116
Cutouts Replaced	66
Poles Replaced	56
Transformers Replaced	23
Wire & Cable Replaced (feet)	11,315
Primary Spans Down	635
Secondary Spans Replaced	191

- (n) If the interruption/outage event was weather-related, the utility’s weather reports, outlooks, or scenarios for the day before and the day of the interruption/outage event:

See Attachment E for the weather forecast reports.

- (o) If the interruption/outage event caused approximate outages that exceed 10% or more of the number of customers in the utility’s entire service territory, rank the event in terms of the number and duration of outages and provide 2 comparable events, including the number and duration of outages for those comparable events.

The outages that were a result of this event did not exceed 10% or more of customers in the utility’s entire service territory.

Remarks: The storm statistics contained in this report are preliminary. The review and approval of the storm statistics were still in progress as of the time this report was filed.

Attachment A: A listing of each outage case exceeding six or more hours in duration, including the following information¹:

Order #	Approximate Location (County)	Total Number of Customers Affected	Duration of the Outage (minutes)	Initial Date and Time of the Outage	Restoration Date and Time
333790	Warren	1	5,045	3/25/23 7:40 AM	3/28/23 7:45 PM
333248	Venango	17	4,966	3/25/23 7:14 AM	3/28/23 6:00 PM
334050	Venango	3	4,901	3/25/23 11:18 AM	3/28/23 8:59 PM
333368	Venango	3	4,870	3/25/23 7:21 AM	3/28/23 4:31 PM
333307	Venango	4	4,739	3/25/23 7:22 AM	3/28/23 2:21 PM
333818	Venango	4	4,736	3/25/23 9:14 AM	3/28/23 4:10 PM
333229	Venango	3	4,638	3/25/23 7:12 AM	3/28/23 12:30 PM
333240	Venango	4	4,626	3/25/23 7:13 AM	3/28/23 12:19 PM
334299	Crawford	85	4,567	3/25/23 3:29 PM	3/28/23 7:36 PM
337800	Venango	9	4,551	3/25/23 7:07 AM	3/28/23 10:58 AM
333239	Venango	6	4,544	3/25/23 7:13 AM	3/28/23 10:57 AM
333568	Mckean	1	4,537	3/25/23 8:09 AM	3/28/23 11:46 AM
337936	Venango	8	4,493	3/25/23 7:12 AM	3/28/23 10:05 AM
340669	Venango	1	4,483	3/25/23 10:03 AM	3/28/23 12:46 PM
334312	Crawford	90	4,399	3/25/23 3:24 PM	3/28/23 4:43 PM
333245	Venango	1	4,396	3/25/23 7:14 AM	3/28/23 8:30 AM
341187	Clarion	23	4,388	3/25/23 8:51 PM	3/28/23 9:59 PM
341187	Clarion	3	4,370	3/25/23 8:51 PM	3/28/23 9:41 PM
335036	Venango	2	4,326	3/25/23 6:48 PM	3/28/23 6:54 PM
334418	Crawford	8	4,280	3/25/23 3:42 PM	3/28/23 3:02 PM
339396	Crawford	27	4,278	3/25/23 3:28 PM	3/28/23 2:46 PM
340608	Crawford	1	4,199	3/25/23 4:31 PM	3/28/23 2:30 PM
336207	Crawford	21	4,190	3/25/23 8:55 PM	3/28/23 6:45 PM
334414	Venango	3	4,111	3/25/23 1:31 PM	3/28/23 10:02 AM
339393	Crawford	59	4,096	3/25/23 3:38 PM	3/28/23 11:54 AM
340727	Crawford	2	4,082	3/25/23 5:57 PM	3/28/23 1:59 PM
333540	Crawford	1	4,063	3/25/23 8:04 AM	3/28/23 3:47 AM
334673	Venango	8	4,047	3/25/23 8:23 PM	3/28/23 3:50 PM
334386	Crawford	17	4,041	3/25/23 3:37 PM	3/28/23 10:58 AM
335285	Venango	2	4,029	3/25/23 8:01 PM	3/28/23 3:10 PM
340227	Crawford	5	4,015	3/25/23 3:25 PM	3/28/23 10:20 AM

¹ When applicable, the individual restoration steps for an order are provided for those customers that were out of service for 6 hours or more.

Penelec Storm Report

Order #	Approximate Location (County)	Total Number of Customers Affected	Duration of the Outage (minutes)	Initial Date and Time of the Outage	Restoration Date and Time
340176	Crawford	6	4,006	3/25/23 3:25 PM	3/28/23 10:11 AM
339902	Crawford	26	3,994	3/25/23 5:06 PM	3/28/23 11:40 AM
340109	Venango	1	3,965	3/25/23 7:25 AM	3/28/23 1:30 AM
335246	Crawford	1	3,924	3/25/23 7:40 PM	3/28/23 1:04 PM
338309	Crawford	4	3,916	3/25/23 4:50 PM	3/28/23 10:06 AM
335517	Venango	17	3,856	3/25/23 8:46 PM	3/28/23 1:02 PM
339318	Venango	3	3,809	3/25/23 11:23 PM	3/28/23 2:52 PM
333360	Venango	17	3,725	3/25/23 7:29 AM	3/27/23 9:34 PM
340173	Venango	5	3,717	3/25/23 8:20 PM	3/28/23 10:17 AM
336143	Crawford	3	3,593	3/25/23 9:45 PM	3/28/23 9:38 AM
339884	Crawford	1	3,589	3/25/23 3:34 PM	3/28/23 3:23 AM
334057	Venango	4	3,579	3/25/23 11:31 AM	3/27/23 11:10 PM
337797	Venango	1	3,553	3/25/23 7:07 AM	3/27/23 6:20 PM
335004	Venango	1	3,537	3/25/23 6:35 PM	3/28/23 5:32 AM
337714	Crawford	1	3,401	3/26/23 11:03 AM	3/28/23 7:44 PM
337784	Venango	1	3,389	3/26/23 11:50 AM	3/28/23 8:19 PM
340100	Crawford	15	3,356	3/25/23 5:34 PM	3/28/23 1:30 AM
336282	Warren	2	3,342	3/25/23 7:23 AM	3/27/23 3:05 PM
333371	Venango	19	3,335	3/25/23 7:31 AM	3/27/23 3:06 PM
333218	Venango	19	3,326	3/25/23 7:05 AM	3/27/23 2:31 PM
333493	Venango	43	3,317	3/25/23 7:55 AM	3/27/23 3:12 PM
339387	Crawford	1	3,276	3/25/23 4:19 PM	3/27/23 10:55 PM
335196	Venango	1	3,250	3/25/23 7:27 PM	3/28/23 1:37 AM
333403	Erie	1	3,231	3/25/23 7:38 AM	3/27/23 1:29 PM
339740	Crawford	14	3,200	3/25/23 4:00 PM	3/27/23 9:20 PM
340170	Crawford	61	3,153	3/25/23 3:25 PM	3/27/23 7:58 PM
339445	Venango	2	3,151	3/25/23 4:53 PM	3/27/23 9:24 PM
338472	Clarion	1	3,137	3/26/23 10:09 AM	3/28/23 2:26 PM
338925	Venango	33	3,114	3/25/23 7:31 AM	3/27/23 11:25 AM
338352	Crawford	9	3,113	3/25/23 3:32 PM	3/27/23 7:25 PM
334691	Crawford	2	3,100	3/25/23 5:43 PM	3/27/23 9:23 PM
339753	Crawford	3	3,097	3/25/23 3:23 PM	3/27/23 7:00 PM
338463	Venango	3	3,094	3/25/23 8:53 AM	3/27/23 12:27 PM
338022	Venango	24	3,060	3/26/23 1:57 PM	3/28/23 4:57 PM
334436	Erie	1	3,045	3/25/23 3:45 PM	3/27/23 6:30 PM
333293	Venango	9	3,025	3/25/23 7:20 AM	3/27/23 9:45 AM
333236	Venango	6	3,023	3/25/23 7:13 AM	3/27/23 9:36 AM

Penelec Storm Report

Order #	Approximate Location (County)	Total Number of Customers Affected	Duration of the Outage (minutes)	Initial Date and Time of the Outage	Restoration Date and Time
338352	Crawford	13	3,012	3/25/23 3:32 PM	3/27/23 5:44 PM
338041	Erie	13	3,012	3/25/23 5:36 PM	3/27/23 7:48 PM
339702	Crawford	14	3,000	3/25/23 3:47 PM	3/27/23 5:47 PM
334394	Crawford	31	2,971	3/25/23 3:39 PM	3/27/23 5:10 PM
338272	Venango	1	2,958	3/26/23 3:55 PM	3/28/23 5:13 PM
335270	Crawford	10	2,939	3/25/23 7:47 PM	3/27/23 8:46 PM
334329	Crawford	211	2,928	3/25/23 3:28 PM	3/27/23 4:16 PM
334552	Crawford	4	2,901	3/25/23 4:29 PM	3/27/23 4:50 PM
338102	Crawford	25	2,900	3/25/23 5:24 PM	3/27/23 5:44 PM
334572	Crawford	14	2,892	3/25/23 4:43 PM	3/27/23 4:55 PM
339394	Crawford	19	2,869	3/25/23 6:51 PM	3/27/23 6:40 PM
339052	Crawford	24	2,867	3/25/23 3:52 PM	3/27/23 3:39 PM
338268	Crawford	3	2,857	3/25/23 5:06 PM	3/27/23 4:43 PM
337892	Crawford	3	2,832	3/25/23 3:47 PM	3/27/23 2:59 PM
333334	Venango	42	2,807	3/25/23 7:19 AM	3/27/23 6:06 AM
337882	Erie	7	2,800	3/25/23 3:20 PM	3/27/23 2:00 PM
338991	Crawford	48	2,790	3/25/23 3:39 PM	3/27/23 2:09 PM
335563	Clarion	9	2,748	3/25/23 9:01 PM	3/27/23 6:49 PM
335918	Erie	15	2,727	3/25/23 4:29 PM	3/27/23 1:56 PM
338449	Crawford	53	2,723	3/25/23 5:55 PM	3/27/23 3:18 PM
334330	Crawford	105	2,698	3/25/23 3:28 PM	3/27/23 12:26 PM
334293	Venango	20	2,667	3/25/23 3:11 PM	3/27/23 11:38 AM
336247	Erie	3	2,662	3/25/23 9:31 PM	3/27/23 5:53 PM
334325	Crawford	11	2,652	3/25/23 3:28 PM	3/27/23 11:40 AM
339158	Crawford	4	2,650	3/25/23 8:45 PM	3/27/23 4:55 PM
334729	Venango	9	2,637	3/25/23 5:53 PM	3/27/23 1:50 PM
338871	Crawford	30	2,605	3/25/23 4:43 PM	3/27/23 12:08 PM
338871	Crawford	2	2,605	3/25/23 4:43 PM	3/27/23 12:08 PM
339269	Crawford	260	2,601	3/25/23 3:38 PM	3/27/23 10:59 AM
337534	Clarion	3	2,584	3/25/23 9:56 PM	3/27/23 5:00 PM
333318	Venango	83	2,567	3/25/23 7:23 AM	3/27/23 2:10 AM
339158	Crawford	252	2,562	3/25/23 8:45 PM	3/27/23 3:27 PM
338871	Crawford	328	2,559	3/25/23 4:43 PM	3/27/23 11:22 AM
338287	Forest	2	2,548	3/25/23 7:12 PM	3/27/23 1:40 PM
338748	Warren	1	2,544	3/26/23 12:14 AM	3/27/23 6:38 PM
334299	Crawford	13	2,526	3/25/23 3:29 PM	3/27/23 9:35 AM
338557	Crawford	9	2,507	3/25/23 8:23 PM	3/27/23 2:10 PM

Penelec Storm Report

Order #	Approximate Location (County)	Total Number of Customers Affected	Duration of the Outage (minutes)	Initial Date and Time of the Outage	Restoration Date and Time
338557	Crawford	6	2,460	3/25/23 9:10 PM	3/27/23 2:10 PM
338605	Crawford	1	2,457	3/26/23 7:43 PM	3/28/23 12:40 PM
336486	Erie	16	2,409	3/25/23 11:43 PM	3/27/23 3:52 PM
338964	Crawford	1	2,395	3/27/23 7:45 AM	3/28/23 11:40 PM
338563	Crawford	9	2,370	3/26/23 7:12 PM	3/28/23 10:42 AM
338871	Crawford	24	2,361	3/26/23 1:22 AM	3/27/23 4:43 PM
335607	Crawford	16	2,335	3/25/23 9:14 PM	3/27/23 12:09 PM
338557	Crawford	57	2,287	3/25/23 8:23 PM	3/27/23 10:30 AM
333300	Venango	16	2,269	3/25/23 7:21 AM	3/26/23 9:10 PM
338557	Crawford	63	2,227	3/25/23 8:23 PM	3/27/23 9:30 AM
333568	Mckean	4	2,223	3/25/23 8:09 AM	3/26/23 9:12 PM
333360	Venango	1	2,201	3/25/23 7:29 AM	3/26/23 8:10 PM
339711	Clarion	13	2,158	3/26/23 1:12 PM	3/28/23 1:10 AM
333314	Venango	24	2,158	3/25/23 7:22 AM	3/26/23 7:20 PM
337706	Erie	3	2,155	3/26/23 10:55 AM	3/27/23 10:50 PM
334983	Mckean	14	2,153	3/25/23 8:37 AM	3/26/23 8:30 PM
333232	Venango	10	2,135	3/25/23 7:12 AM	3/26/23 6:47 PM
337464	Mckean	3	2,132	3/25/23 8:22 AM	3/26/23 7:54 PM
334093	Venango	19	2,128	3/25/23 7:12 AM	3/26/23 6:40 PM
338543	Venango	48	2,096	3/25/23 8:34 AM	3/26/23 7:30 PM
338588	Mckean	1	2,053	3/25/23 8:27 AM	3/26/23 6:40 PM
333572	Warren	15	2,049	3/25/23 8:09 AM	3/26/23 6:18 PM
333409	Venango	14	1,867	3/25/23 7:21 AM	3/26/23 2:28 PM
334216	Mckean	5	1,813	3/25/23 2:09 PM	3/26/23 8:22 PM
333220	Venango	19	1,802	3/25/23 7:07 AM	3/26/23 1:09 PM
333409	Venango	13	1,794	3/25/23 7:21 AM	3/26/23 1:15 PM
333463	Warren	1	1,788	3/25/23 7:44 AM	3/26/23 1:32 PM
333248	Venango	15	1,779	3/25/23 7:14 AM	3/26/23 12:53 PM
333248	Venango	1	1,777	3/25/23 7:14 AM	3/26/23 12:51 PM
337541	Forest	1	1,766	3/26/23 10:22 AM	3/27/23 3:48 PM
338190	Venango	1	1,750	3/26/23 3:50 PM	3/27/23 9:00 PM
335505	Venango	165	1,747	3/25/23 8:11 AM	3/26/23 1:18 PM
333289	Venango	2	1,741	3/25/23 7:19 AM	3/26/23 12:20 PM
333568	Mckean	199	1,736	3/25/23 8:09 AM	3/26/23 1:05 PM
335158	Venango	163	1,699	3/25/23 7:09 AM	3/26/23 11:28 AM
333463	Warren	4	1,651	3/25/23 10:01 AM	3/26/23 1:32 PM

Penelec Storm Report

Order #	Approximate Location (County)	Total Number of Customers Affected	Duration of the Outage (minutes)	Initial Date and Time of the Outage	Restoration Date and Time
334713	Venango	23	1,624	3/25/23 5:48 PM	3/26/23 8:52 PM
334593	Crawford	762	1,607	3/25/23 4:51 PM	3/26/23 7:38 PM
337358	Erie	3	1,601	3/25/23 2:55 PM	3/26/23 5:36 PM
333560	Mckean	22	1,579	3/25/23 8:07 AM	3/26/23 10:26 AM
334314	Crawford	54	1,579	3/25/23 3:25 PM	3/26/23 5:44 PM
337925	Mckean	110	1,567	3/25/23 10:45 AM	3/26/23 12:52 PM
335080	Mckean	1	1,565	3/25/23 6:55 PM	3/26/23 9:00 PM
339634	Venango	1	1,565	3/27/23 2:25 PM	3/28/23 4:30 PM
334159	Mckean	61	1,557	3/25/23 10:45 AM	3/26/23 12:42 PM
335823	Clarion	284	1,531	3/25/23 6:14 PM	3/26/23 7:45 PM
334314	Crawford	52	1,530	3/25/23 4:14 PM	3/26/23 5:44 PM
337877	Erie	2	1,518	3/26/23 1:10 PM	3/27/23 2:28 PM
339103	Westmoreland	1	1,507	3/27/23 9:23 AM	3/28/23 10:30 AM
334330	Crawford	57	1,493	3/25/23 3:28 PM	3/26/23 4:21 PM
334330	Crawford	105	1,493	3/25/23 3:28 PM	3/26/23 4:21 PM
335524	Venango	15	1,483	3/25/23 8:47 PM	3/26/23 9:30 PM
338080	Mckean	12	1,479	3/26/23 10:28 AM	3/27/23 11:07 AM
335239	Warren	1	1,472	3/25/23 7:39 PM	3/26/23 8:11 PM
338973	Erie	5	1,469	3/26/23 8:41 AM	3/27/23 9:10 AM
333644	Mckean	56	1,463	3/25/23 8:22 AM	3/26/23 8:45 AM
338294	Crawford	1	1,456	3/26/23 5:09 PM	3/27/23 5:25 PM
339236	Crawford	1	1,447	3/27/23 10:17 AM	3/28/23 10:24 AM
333409	Venango	8	1,441	3/25/23 12:52 PM	3/26/23 12:53 PM
334672	Erie	3	1,436	3/25/23 5:34 PM	3/26/23 5:30 PM
334364	Crawford	26	1,422	3/25/23 6:40 PM	3/26/23 6:22 PM
340228	Crawford	3	1,418	3/27/23 9:12 PM	3/28/23 8:50 PM
338337	Erie	1	1,414	3/26/23 5:36 PM	3/27/23 5:10 PM
339103	Westmoreland	2	1,410	3/27/23 11:00 AM	3/28/23 10:30 AM
335371	Forest	81	1,409	3/25/23 8:28 PM	3/26/23 7:57 PM
338546	Crawford	8	1,394	3/26/23 6:55 PM	3/27/23 6:09 PM
338567	Warren	1	1,392	3/25/23 8:57 PM	3/26/23 8:09 PM
336015	Erie	39	1,392	3/25/23 4:03 PM	3/26/23 3:15 PM
334696	Venango	37	1,362	3/25/23 5:44 PM	3/26/23 4:26 PM
334635	Venango	47	1,355	3/25/23 5:25 PM	3/26/23 4:00 PM
336359	Erie	10	1,353	3/25/23 11:09 PM	3/26/23 9:42 PM
339286	Erie	2	1,338	3/26/23 2:23 PM	3/27/23 12:41 PM

Penelec Storm Report

Order #	Approximate Location (County)	Total Number of Customers Affected	Duration of the Outage (minutes)	Initial Date and Time of the Outage	Restoration Date and Time
335578	Erie	344	1,321	3/25/23 9:11 PM	3/26/23 7:12 PM
334534	Erie	6	1,320	3/25/23 4:22 PM	3/26/23 2:22 PM
339626	Venango	7	1,318	3/27/23 2:21 PM	3/28/23 12:19 PM
339458	Venango	6	1,317	3/27/23 12:46 PM	3/28/23 10:43 AM
339715	Venango	11	1,298	3/27/23 3:19 PM	3/28/23 12:57 PM
340609	Crawford	3	1,286	3/25/23 3:34 PM	3/26/23 1:00 PM
337859	Crawford	969	1,246	3/25/23 4:00 PM	3/26/23 12:46 PM
337202	Erie	1	1,240	3/26/23 7:10 AM	3/27/23 3:50 AM
334364	Crawford	113	1,222	3/25/23 6:40 PM	3/26/23 3:02 PM
337988	Venango	3	1,220	3/26/23 2:07 PM	3/27/23 10:27 AM
338278	Erie	5	1,220	3/26/23 12:01 AM	3/26/23 8:21 PM
336216	Erie	15	1,212	3/25/23 10:28 PM	3/26/23 6:40 PM
337848	Erie	1	1,210	3/26/23 12:50 PM	3/27/23 9:00 AM
337320	Venango	4	1,197	3/25/23 5:31 PM	3/26/23 1:28 PM
334364	Crawford	105	1,197	3/25/23 6:40 PM	3/26/23 2:37 PM
337483	Erie	32	1,197	3/25/23 3:18 PM	3/26/23 11:15 AM
338232	Venango	17	1,195	3/26/23 4:25 PM	3/27/23 12:20 PM
336381	Erie	17	1,191	3/25/23 11:19 PM	3/26/23 7:10 PM
335705	Crawford	17	1,180	3/25/23 9:10 PM	3/26/23 4:50 PM
335593	Crawford	395	1,177	3/25/23 9:10 PM	3/26/23 4:47 PM
334693	Venango	158	1,176	3/25/23 5:44 PM	3/26/23 1:20 PM
338320	Erie	1	1,170	3/25/23 6:05 PM	3/26/23 1:35 PM
335510	Erie	5	1,168	3/25/23 7:20 PM	3/26/23 2:48 PM
337713	Erie	18	1,158	3/26/23 11:00 AM	3/27/23 6:18 AM
335219	Crawford	7	1,156	3/25/23 9:10 PM	3/26/23 4:26 PM
334264	Susquehanna	3	1,155	3/25/23 3:00 PM	3/26/23 10:15 AM
334467	Crawford	754	1,155	3/25/23 8:10 PM	3/26/23 3:25 PM
335713	Crawford	66	1,152	3/25/23 9:10 PM	3/26/23 4:22 PM
335141	Crawford	420	1,151	3/25/23 9:10 PM	3/26/23 4:21 PM
334880	Clarion	56	1,140	3/25/23 6:14 PM	3/26/23 1:14 PM
334494	Crawford	525	1,139	3/25/23 9:10 PM	3/26/23 4:09 PM
334956	Venango	185	1,114	3/25/23 6:22 PM	3/26/23 12:56 PM
338871	Crawford	3	1,110	3/27/23 1:02 AM	3/27/23 7:32 PM
338090	Crawford	24	1,106	3/25/23 9:10 PM	3/26/23 3:36 PM
335789	Crawford	140	1,106	3/25/23 9:10 PM	3/26/23 3:36 PM
335596	Crawford	230	1,106	3/25/23 9:10 PM	3/26/23 3:36 PM

Penelec Storm Report

Order #	Approximate Location (County)	Total Number of Customers Affected	Duration of the Outage (minutes)	Initial Date and Time of the Outage	Restoration Date and Time
334347	Crawford	56	1,106	3/25/23 9:10 PM	3/26/23 3:36 PM
338021	Crawford	29	1,106	3/25/23 9:10 PM	3/26/23 3:36 PM
335603	Crawford	583	1,106	3/25/23 9:10 PM	3/26/23 3:36 PM
335617	Crawford	189	1,095	3/25/23 9:10 PM	3/26/23 3:25 PM
335594	Crawford	202	1,095	3/25/23 9:10 PM	3/26/23 3:25 PM
335577	Crawford	389	1,093	3/25/23 9:10 PM	3/26/23 3:23 PM
335609	Crawford	289	1,093	3/25/23 9:10 PM	3/26/23 3:23 PM
334368	Crawford	140	1,093	3/25/23 9:10 PM	3/26/23 3:23 PM
334413	Crawford	475	1,093	3/25/23 9:10 PM	3/26/23 3:23 PM
335604	Crawford	1,203	1,092	3/25/23 9:14 PM	3/26/23 3:26 PM
337802	Erie	2	1,090	3/25/23 7:03 PM	3/26/23 1:13 PM
335099	Venango	26	1,067	3/25/23 7:04 PM	3/26/23 12:51 PM
334558	Warren	7	1,065	3/25/23 10:35 PM	3/26/23 4:20 PM
335094	Erie	11	1,029	3/25/23 10:35 PM	3/26/23 3:44 PM
335036	Venango	3	1,027	3/25/23 6:48 PM	3/26/23 11:55 AM
335258	Warren	12	1,012	3/25/23 7:43 PM	3/26/23 12:35 PM
338978	Clarion	1	1,008	3/27/23 8:08 AM	3/28/23 12:56 AM
336208	Erie	11	1,007	3/25/23 10:20 PM	3/26/23 3:07 PM
333406	Forest	144	999	3/25/23 7:38 AM	3/26/23 12:17 AM
334398	Crawford	44	994	3/25/23 3:39 PM	3/26/23 8:13 AM
337368	Erie	42	992	3/25/23 10:39 PM	3/26/23 3:11 PM
337347	Crawford	1,747	983	3/25/23 8:23 PM	3/26/23 12:46 PM
333618	Warren	5	974	3/25/23 8:16 AM	3/26/23 12:30 AM
334655	Venango	10	949	3/25/23 5:29 PM	3/26/23 9:18 AM
333294	Venango	29	948	3/25/23 7:20 AM	3/25/23 11:08 PM
335279	Crawford	468	936	3/25/23 9:10 PM	3/26/23 12:46 PM
335067	Crawford	123	936	3/25/23 9:10 PM	3/26/23 12:46 PM
335050	Mckean	1	906	3/25/23 6:50 PM	3/26/23 9:56 AM
337056	Crawford	37	902	3/26/23 3:46 AM	3/26/23 6:48 PM
335241	Bradford	1	901	3/25/23 7:39 PM	3/26/23 10:40 AM
337403	Warren	16	893	3/25/23 9:22 PM	3/26/23 12:15 PM
339744	Clarion	6	880	3/27/23 1:12 AM	3/27/23 3:52 PM
335181	Warren	14	873	3/25/23 7:24 PM	3/26/23 9:57 AM
340173	Venango	1	827	3/27/23 8:30 PM	3/28/23 10:17 AM
338734	Clarion	72	821	3/27/23 1:12 AM	3/27/23 2:53 PM
336204	Erie	22	819	3/25/23 10:22 PM	3/26/23 12:01 PM

Penelec Storm Report

Order #	Approximate Location (County)	Total Number of Customers Affected	Duration of the Outage (minutes)	Initial Date and Time of the Outage	Restoration Date and Time
335179	Warren	45	793	3/25/23 7:24 PM	3/26/23 8:37 AM
333853	Mifflin	29	789	3/25/23 9:05 AM	3/25/23 10:14 PM
333853	Mifflin	4	789	3/25/23 9:05 AM	3/25/23 10:14 PM
337851	Erie	7	781	3/26/23 12:21 AM	3/26/23 1:22 PM
337851	Erie	9	781	3/26/23 12:21 AM	3/26/23 1:22 PM
337360	Erie	1	779	3/26/23 8:42 AM	3/26/23 9:41 PM
337545	Bradford	7	777	3/26/23 2:43 AM	3/26/23 3:40 PM
336984	Erie	4	770	3/26/23 2:01 AM	3/26/23 2:51 PM
336984	Erie	1	770	3/26/23 2:01 AM	3/26/23 2:51 PM
337056	Crawford	6	755	3/26/23 3:46 AM	3/26/23 4:21 PM
333212	Venango	62	750	3/25/23 6:57 AM	3/25/23 7:27 PM
336983	Erie	172	750	3/25/23 10:20 PM	3/26/23 10:50 AM
336333	Erie	2	749	3/25/23 10:53 PM	3/26/23 11:22 AM
336333	Erie	8	749	3/25/23 10:53 PM	3/26/23 11:22 AM
333239	Venango	277	722	3/25/23 7:13 AM	3/25/23 7:15 PM
337764	Erie	33	716	3/26/23 3:52 AM	3/26/23 3:48 PM
333222	Venango	87	707	3/25/23 7:09 AM	3/25/23 6:56 PM
333879	Warren	1	706	3/25/23 7:23 AM	3/25/23 7:09 PM
333222	Venango	139	696	3/25/23 7:09 AM	3/25/23 6:45 PM
337010	Warren	6	695	3/26/23 2:20 AM	3/26/23 1:55 PM
335653	Erie	34	690	3/25/23 9:16 PM	3/26/23 8:46 AM
338102	Crawford	117	684	3/25/23 5:24 PM	3/26/23 4:48 AM
336366	Erie	101	681	3/25/23 11:12 PM	3/26/23 10:33 AM
338102	Crawford	16	671	3/25/23 5:24 PM	3/26/23 4:35 AM
337279	Erie	1	669	3/26/23 7:51 AM	3/26/23 7:00 PM
335556	Warren	6	669	3/25/23 10:35 PM	3/26/23 9:44 AM
336390	Venango	8	667	3/25/23 11:23 PM	3/26/23 10:30 AM
336267	Erie	56	665	3/25/23 10:44 PM	3/26/23 9:49 AM
336137	Indiana	1	663	3/25/23 9:43 PM	3/26/23 8:46 AM
336177	Warren	5	654	3/25/23 9:56 PM	3/26/23 8:50 AM
333705	McKean	8	653	3/25/23 8:37 AM	3/25/23 7:30 PM
336405	Erie	449	639	3/25/23 11:21 PM	3/26/23 10:00 AM
334151	Warren	11	634	3/25/23 7:26 AM	3/25/23 6:00 PM
334996	Somerset	32	626	3/25/23 6:32 PM	3/26/23 4:58 AM
337617	Erie	3	619	3/26/23 10:36 AM	3/26/23 8:55 PM
336947	Warren	47	615	3/25/23 10:35 PM	3/26/23 8:50 AM

Penelec Storm Report

Order #	Approximate Location (County)	Total Number of Customers Affected	Duration of the Outage (minutes)	Initial Date and Time of the Outage	Restoration Date and Time
334237	Warren	49	605	3/25/23 8:13 AM	3/25/23 6:18 PM
338967	Clarion	2	602	3/27/23 7:48 AM	3/27/23 5:50 PM
333841	Franklin	24	599	3/25/23 9:22 AM	3/25/23 7:21 PM
336489	Warren	1	589	3/25/23 11:44 PM	3/26/23 9:33 AM
337553	Bradford	19	587	3/26/23 2:43 AM	3/26/23 12:30 PM
336490	Warren	24	585	3/25/23 11:44 PM	3/26/23 9:29 AM
336489	Warren	11	583	3/25/23 11:44 PM	3/26/23 9:27 AM
338870	Clarion	1	578	3/27/23 6:07 AM	3/27/23 3:45 PM
337200	Tioga	5	532	3/26/23 7:09 AM	3/26/23 4:01 PM
339095	Clarion	1	518	3/27/23 9:17 AM	3/27/23 5:55 PM
333368	Venango	266	518	3/25/23 7:21 AM	3/25/23 3:59 PM
340666	Forest	2	515	3/28/23 10:32 AM	3/28/23 7:07 PM
336940	Erie	1	497	3/26/23 12:58 AM	3/26/23 9:15 AM
339117	Venango	12	493	3/27/23 10:02 AM	3/27/23 6:15 PM
337412	Tioga	2	491	3/26/23 9:34 AM	3/26/23 5:45 PM
337440	Forest	1	481	3/26/23 9:19 AM	3/26/23 5:20 PM
336116	Erie	65	473	3/25/23 9:39 PM	3/26/23 5:32 AM
333684	Bedford	16	471	3/25/23 8:32 AM	3/25/23 4:23 PM
336405	Erie	4	469	3/25/23 11:21 PM	3/26/23 7:10 AM
336965	Blair	47	460	3/26/23 1:26 AM	3/26/23 9:06 AM
333560	Mckean	58	460	3/25/23 8:07 AM	3/25/23 3:47 PM
336610	Warren	2	454	3/25/23 11:44 PM	3/26/23 7:18 AM
337168	Warren	88	452	3/26/23 6:28 AM	3/26/23 2:00 PM
337080	Erie	32	451	3/26/23 3:52 AM	3/26/23 11:23 AM
337113	Venango	443	451	3/26/23 5:22 AM	3/26/23 12:53 PM
333767	Mckean	39	443	3/25/23 9:02 AM	3/25/23 4:25 PM
340409	Warren	45	441	3/28/23 1:39 AM	3/28/23 9:00 AM
333360	Venango	44	437	3/25/23 7:29 AM	3/25/23 2:46 PM
333321	Venango	114	432	3/25/23 7:23 AM	3/25/23 2:35 PM
333657	Cambria	50	424	3/25/23 8:26 AM	3/25/23 3:30 PM
340109	Venango	1	420	3/27/23 6:30 PM	3/28/23 1:30 AM
335328	Indiana	37	419	3/25/23 6:11 PM	3/26/23 1:10 AM
334665	Indiana	5	419	3/25/23 5:31 PM	3/26/23 12:30 AM
334182	Blair	1	404	3/25/23 7:56 AM	3/25/23 2:40 PM
340418	Venango	2	400	3/28/23 5:50 AM	3/28/23 12:30 PM
339052	Crawford	40	399	3/27/23 9:00 AM	3/27/23 3:39 PM

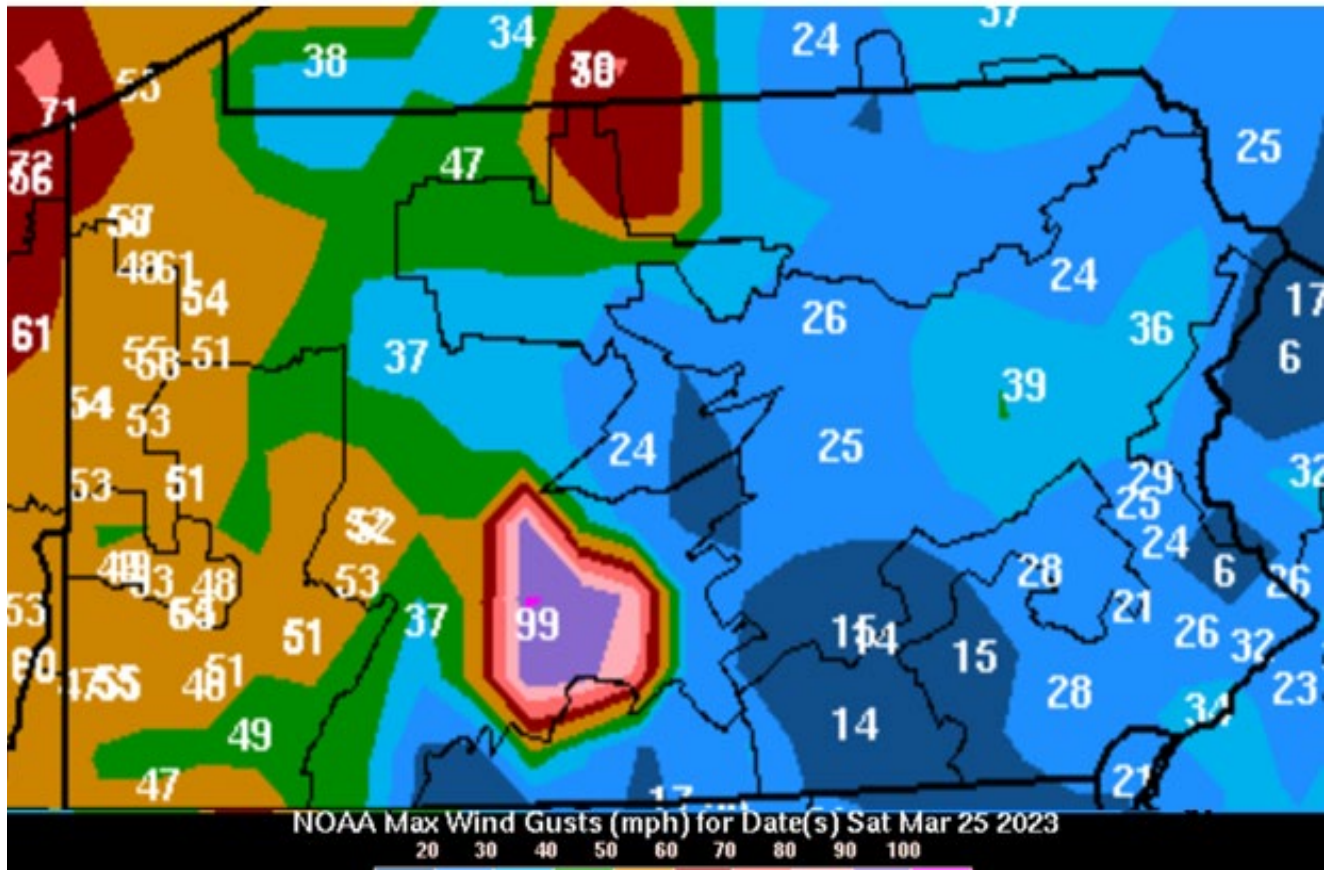
Penelec Storm Report

Order #	Approximate Location (County)	Total Number of Customers Affected	Duration of the Outage (minutes)	Initial Date and Time of the Outage	Restoration Date and Time
336492	Warren	1,139	397	3/25/23 11:44 PM	3/26/23 6:21 AM
336494	Warren	1,198	397	3/25/23 11:44 PM	3/26/23 6:21 AM
335819	Warren	344	397	3/25/23 11:44 PM	3/26/23 6:21 AM
338318	Cambria	3	396	3/26/23 5:00 PM	3/26/23 11:36 PM
340619	Warren	19	384	3/27/23 11:51 AM	3/27/23 6:15 PM
339392	Warren	1	384	3/27/23 11:51 AM	3/27/23 6:15 PM
336907	Somerset	1	379	3/26/23 12:22 AM	3/26/23 6:41 AM
334673	Venango	228	378	3/25/23 8:23 PM	3/26/23 2:41 AM
334163	Venango	200	378	3/25/23 7:15 AM	3/25/23 1:33 PM
334163	Venango	385	373	3/25/23 7:15 AM	3/25/23 1:28 PM
337055	Crawford	892	366	3/25/23 9:10 PM	3/26/23 3:16 AM
335129	Warren	327	365	3/25/23 7:12 PM	3/26/23 1:17 AM
335125	Warren	357	365	3/25/23 7:12 PM	3/26/23 1:17 AM
335135	Forest	446	365	3/25/23 7:12 PM	3/26/23 1:17 AM
338226	Erie	1	365	3/26/23 10:00 AM	3/26/23 4:05 PM
339348	Erie	1	365	3/27/23 11:26 AM	3/27/23 5:31 PM

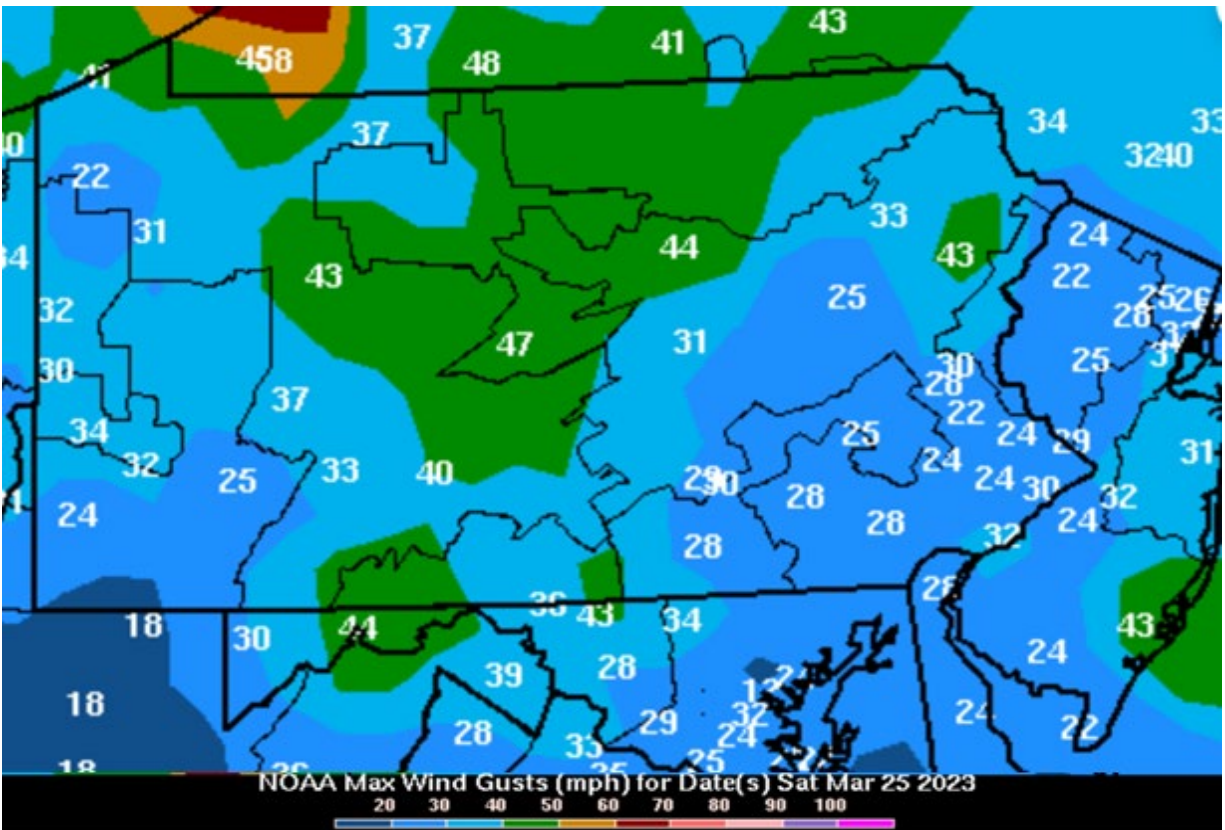
Attachment B: Precipitation Reports

Wind & Precipitation Reports: Graphics 1 and 2 illustrate the maximum wind gusts in the Penelec service territory on March 25 and 26, 2023. Graphic 3 illustrates the 24-Hour Total Precipitation in the Penelec service territory on March 25, 2023. The graphics are from the National Oceanic and Atmospheric Administration (“NOAA”).

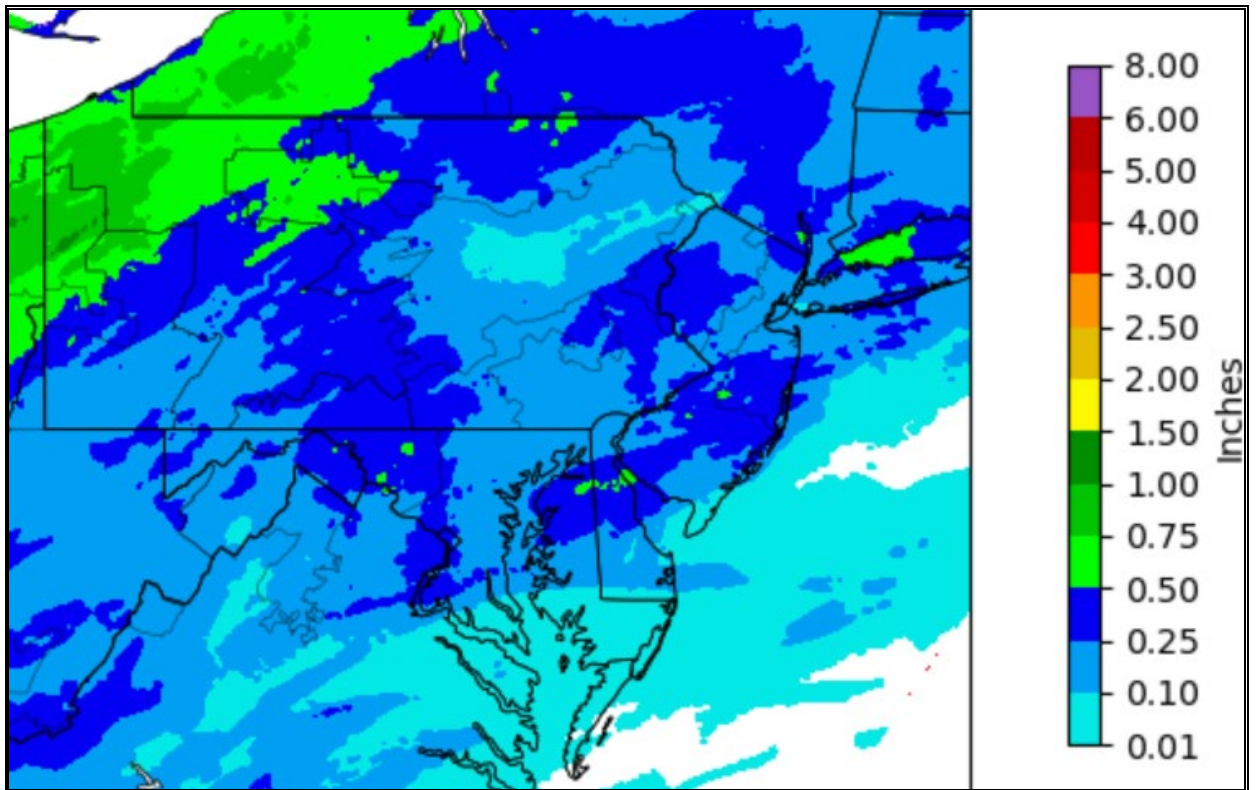
Graphic 1: Wind Speeds: Saturday, March 25, 2023



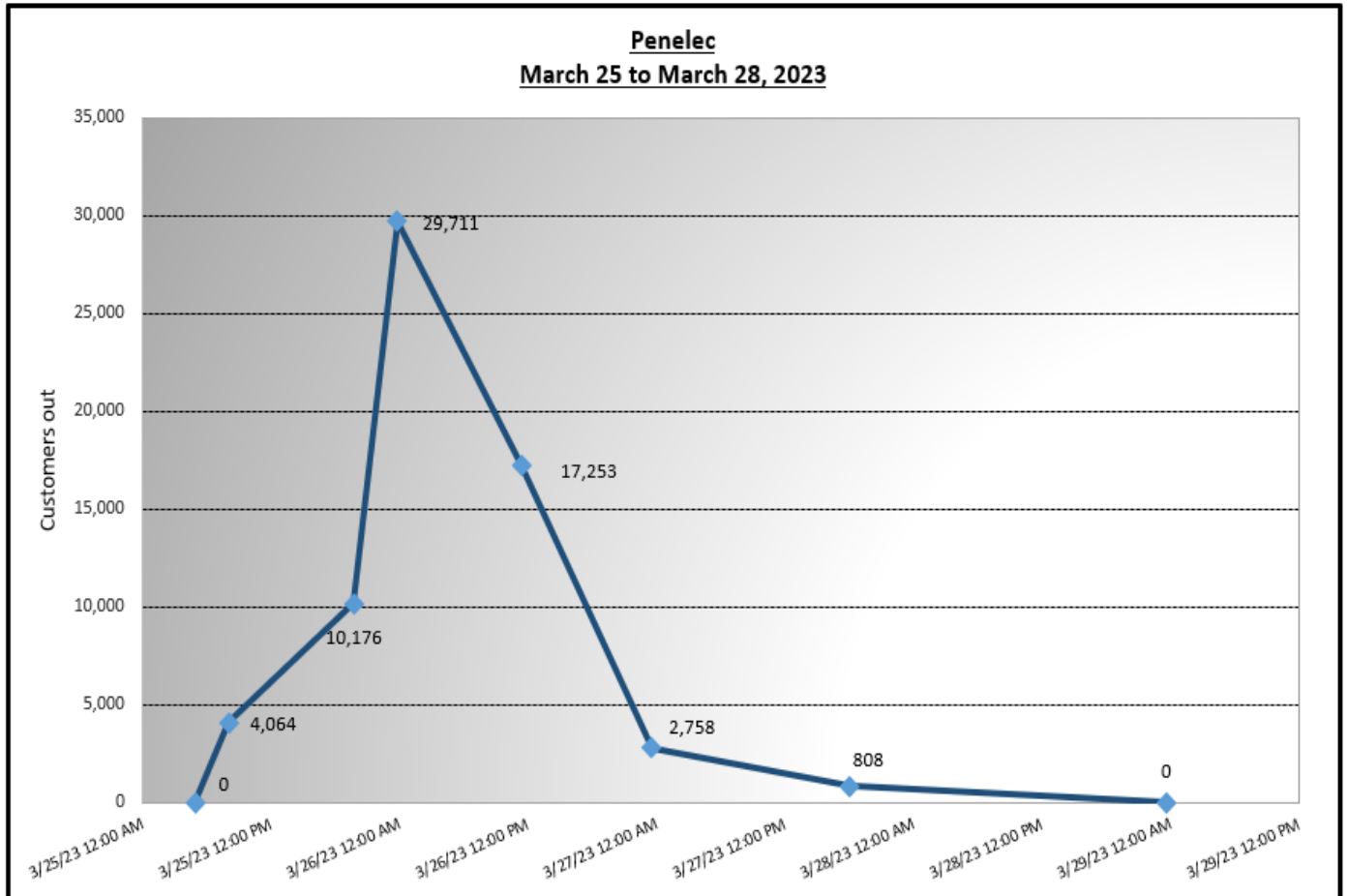
Graphic 2: Wind Speeds: Sunday. March 26, 2023



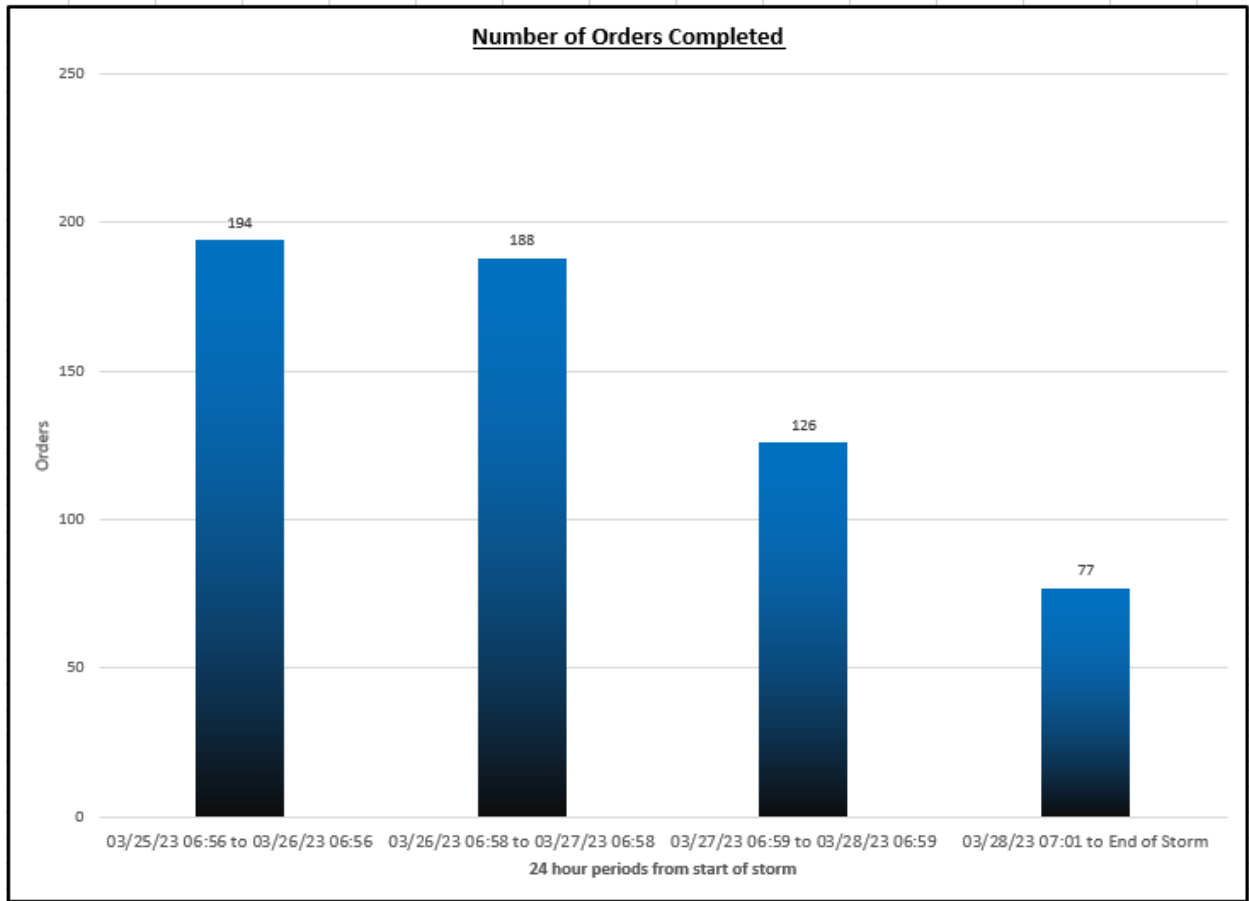
Graphic 3: 24-Hour Total Precipitation: Saturday, March 25, 2023



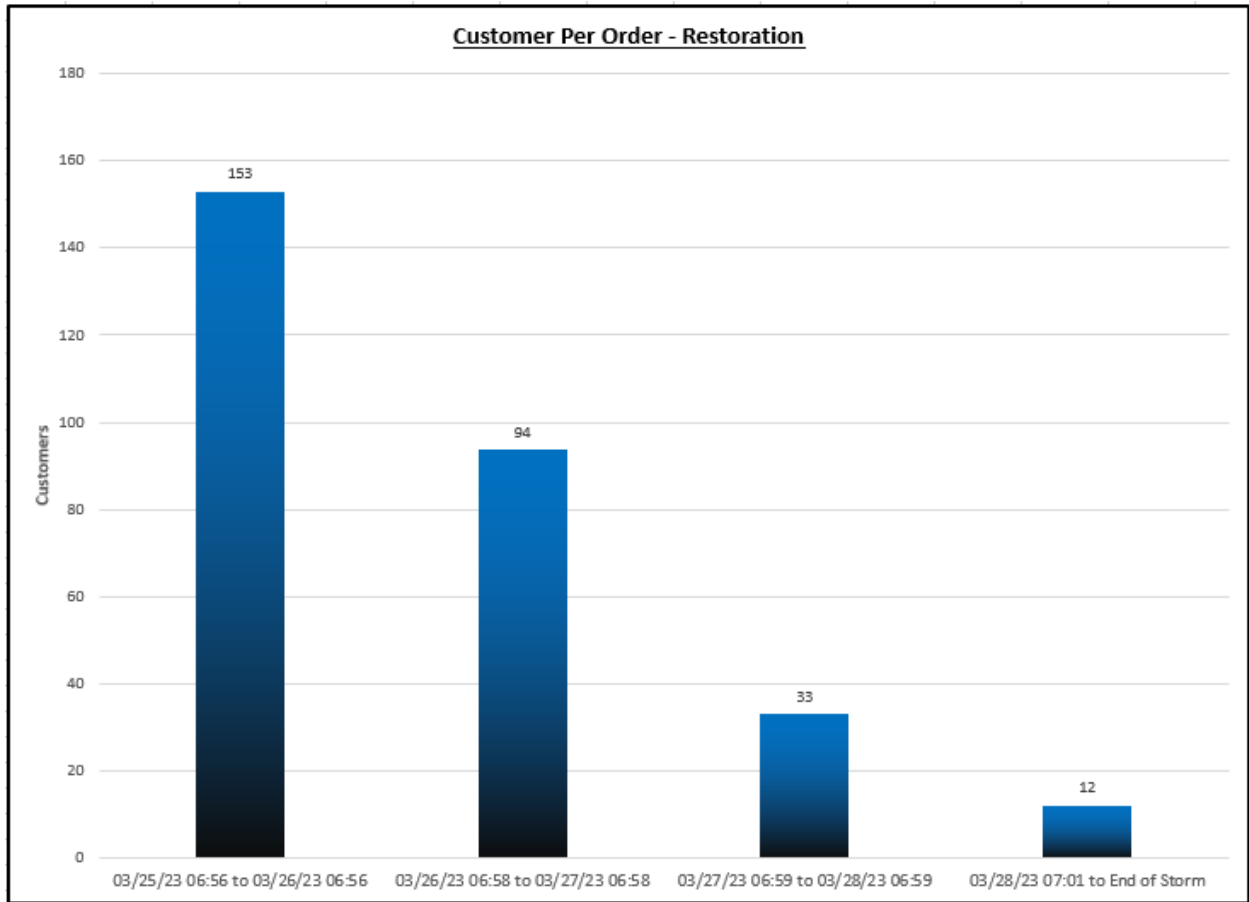
Attachment C: Restoration Curve



Attachment D: Order Restoration Graphs



Penelec Storm Report



Attachment E: Meteorologist Reports

Wednesday, March 22, 2023 @ 0928

New Issuance:

A period of wet weather will move through FE beginning early Thursday and lasting into Saturday evening. Rain accumulations are expected to be higher in the western half of FE, which is expected to get two main waves of rain over the period, and slightly less in the eastern half of FE, where the main rain event will likely to be limited to late Friday into Saturday. Total rain amounts of 2-4+” are possible in western FE, with localized flooding increasingly likely for some locations.

At the end of the rain event, a storm system will drag a cold front through FE from west-to-east on Saturday. Wind gusts are expected to increase Saturday afternoon across western FE, and will likely peak as the cold front arrives and for a few hours afterward. At this time, general wind gusts of 40-50 mph look likely, with a brief period of isolated gusts of 55+ mph possible along the front itself. Thunderstorms also look possible along this front, which may carry some severe weather (and additional wind gust) potential...although the magnitude of that threat isn't quite clear at this time. *Particular emphasis is placed on the fact that the any period of strong winds will follow a period of steady, heavy rainfall across the region.*

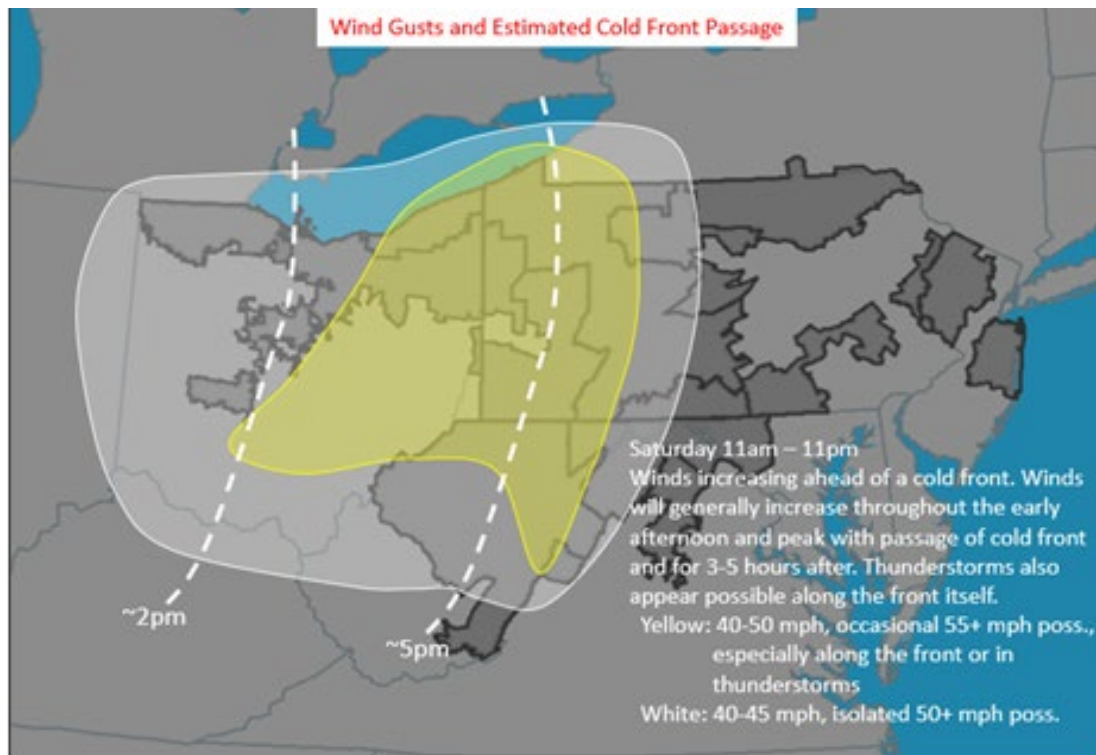
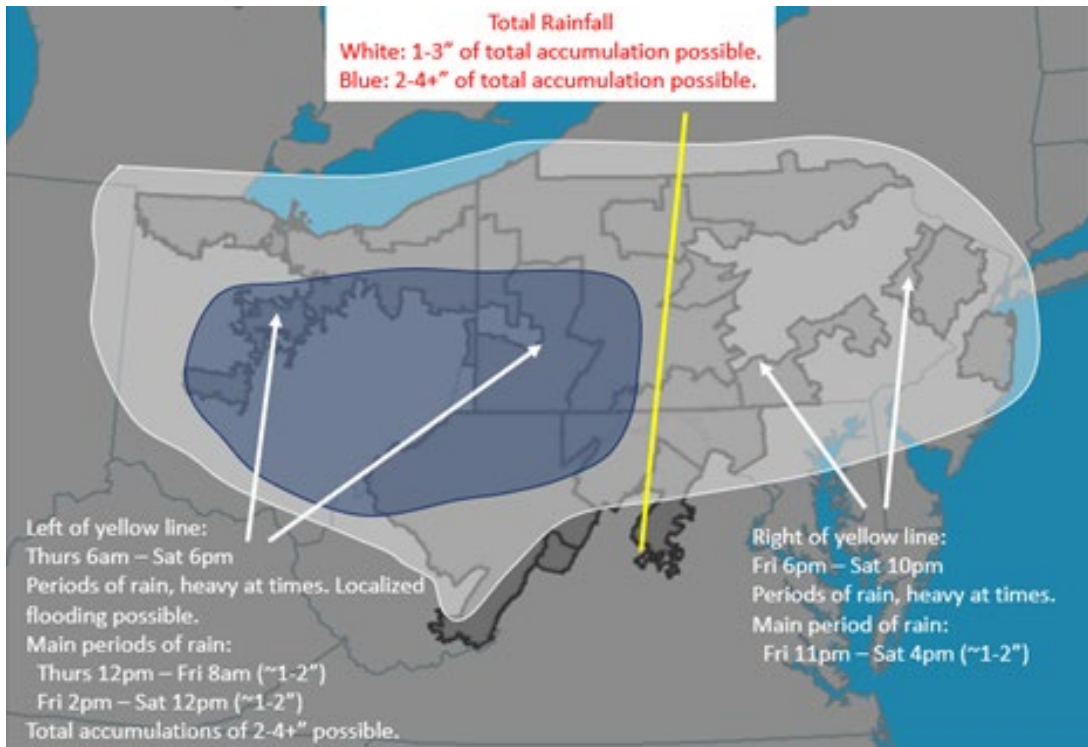
As the front moves through eastern FE overnight Saturday into Sunday, it is expected to gradually lose energy, so strong gusts are not evident across eastern portions of FE Saturday night or Sunday at the moment. This will be monitored for possible future inclusion in alerts.

See graphics below for further information.

Next Update by 11am Thursday

Workoff – 716 397 4430

Manousos – 330 396 0059



Wednesday, March 22, 2023 @ 1515

New Issuance:

Notable escalation of Saturday's forecast with this alert.

With regards to Saturday:

- A period of strong wind gusts (50+ mph, with some gusts in excess of 60 mph possible) looks increasingly likely across most of the western half of FE.
- Winds are expected to rise quickly across the entire forecast area late Saturday morning and generally peak in the afternoon/early evening.
- Strongest winds are expected in the hour or two before the front arrives, the passage of the front itself, and 1-3 hours after the front passes.
- The front features the greatest potential for 60+ mph gusts, especially across OH and western PA.
- There is an increasing potential of thunderstorms developing along the cold front Saturday afternoon, particularly across central/eastern OH, western PA and western WV. As of this afternoon, it appears that conditions may support significant wind gusts (60-70+ mph) in any developing thunderstorm.
- Conditions appear to support lines of thunderstorms, which will further increase wind threat.

Note that there is still uncertainty regarding the timing of the front, thunderstorm threat, and ultimately the resulting magnitude of the wind threat, at this time. Further adjustments to the forecast the next 24-48 hours are to be expected.

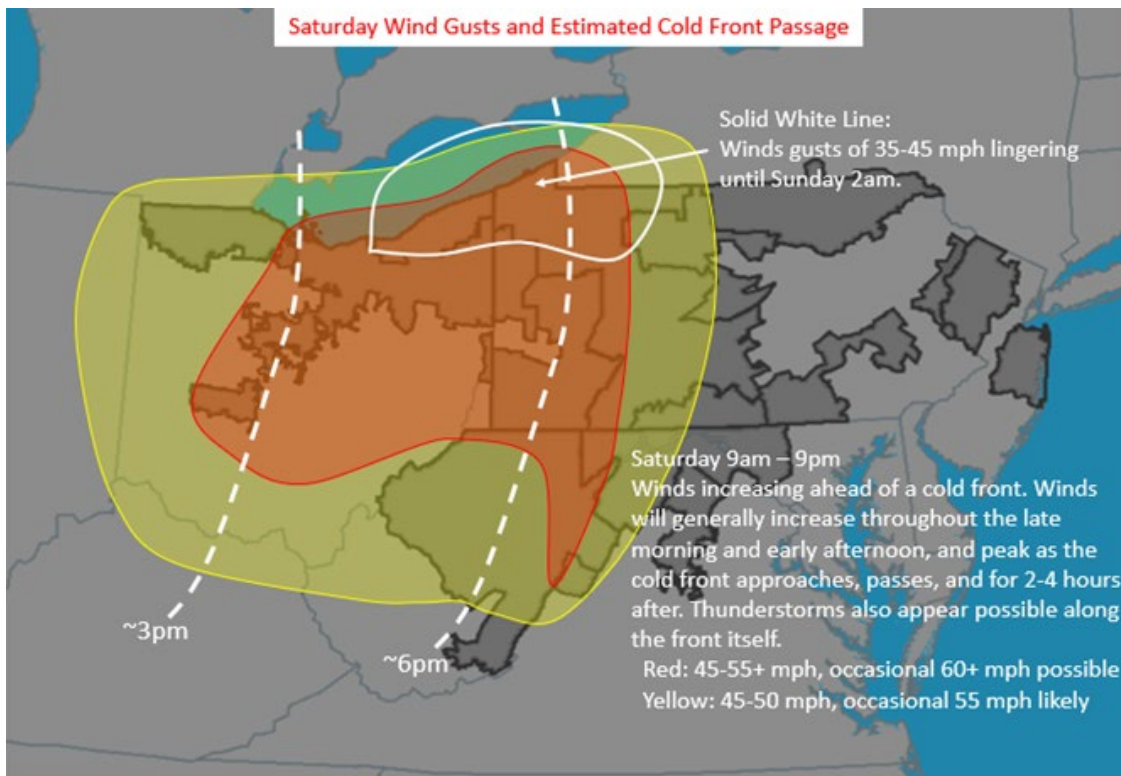
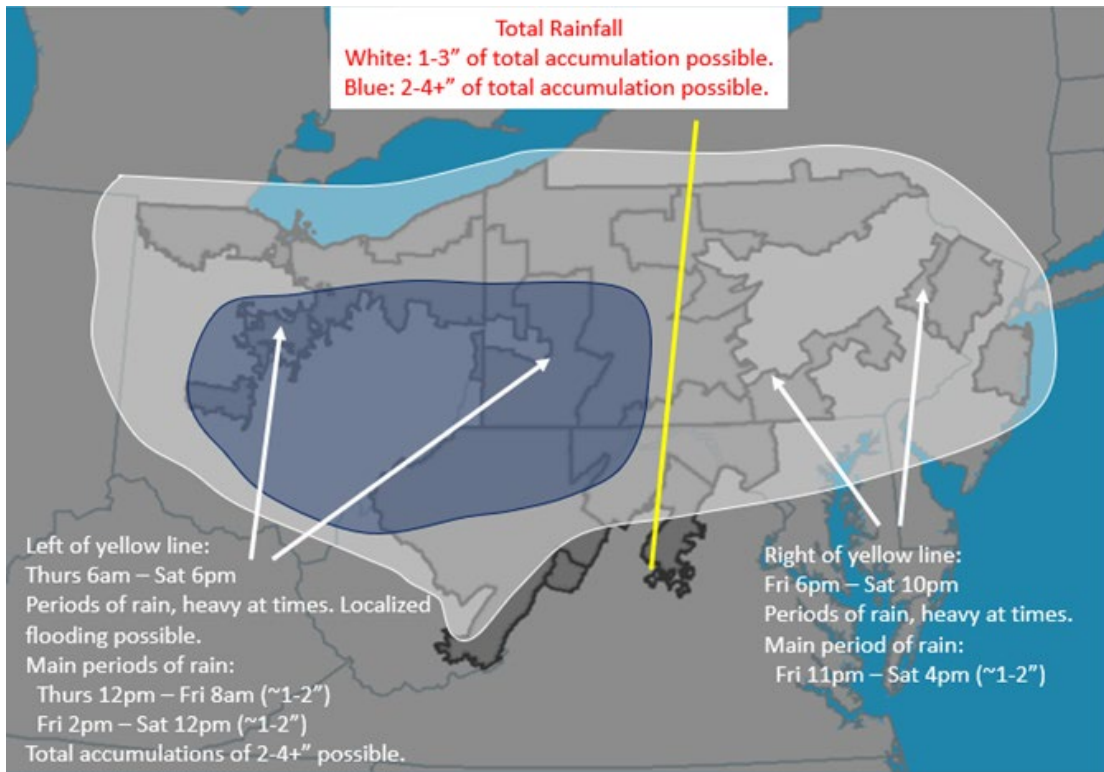
There are no changes to the general rain threat for Thursday through Saturday. Emphasis remains on the fact that any strong wind gusts Saturday will occur after a significant amount of rainfall across the region.

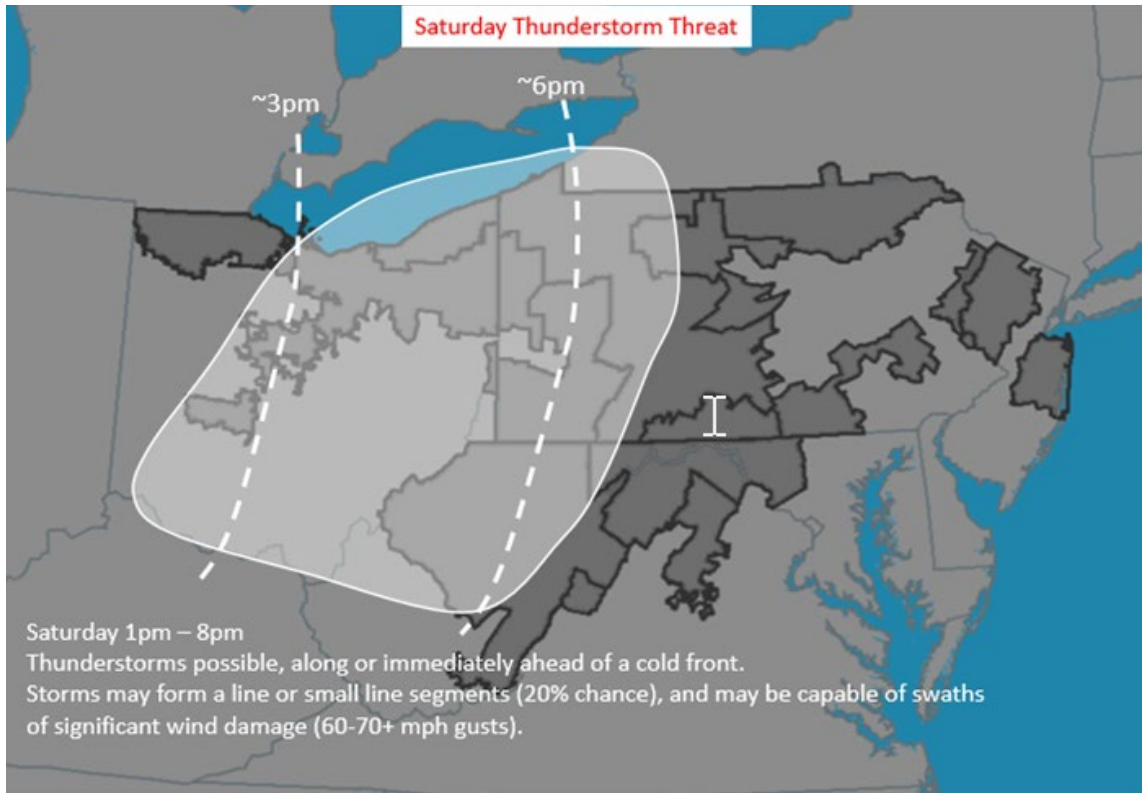
See graphics below for further information. A third (bottom) graphic has been added to address the thunderstorm risk.

Next Update by 11am Thursday

Workoff – 716 397 4430

Manousos – 330 396 0059





Thursday, March 23, 2023 @ 0838

Update:

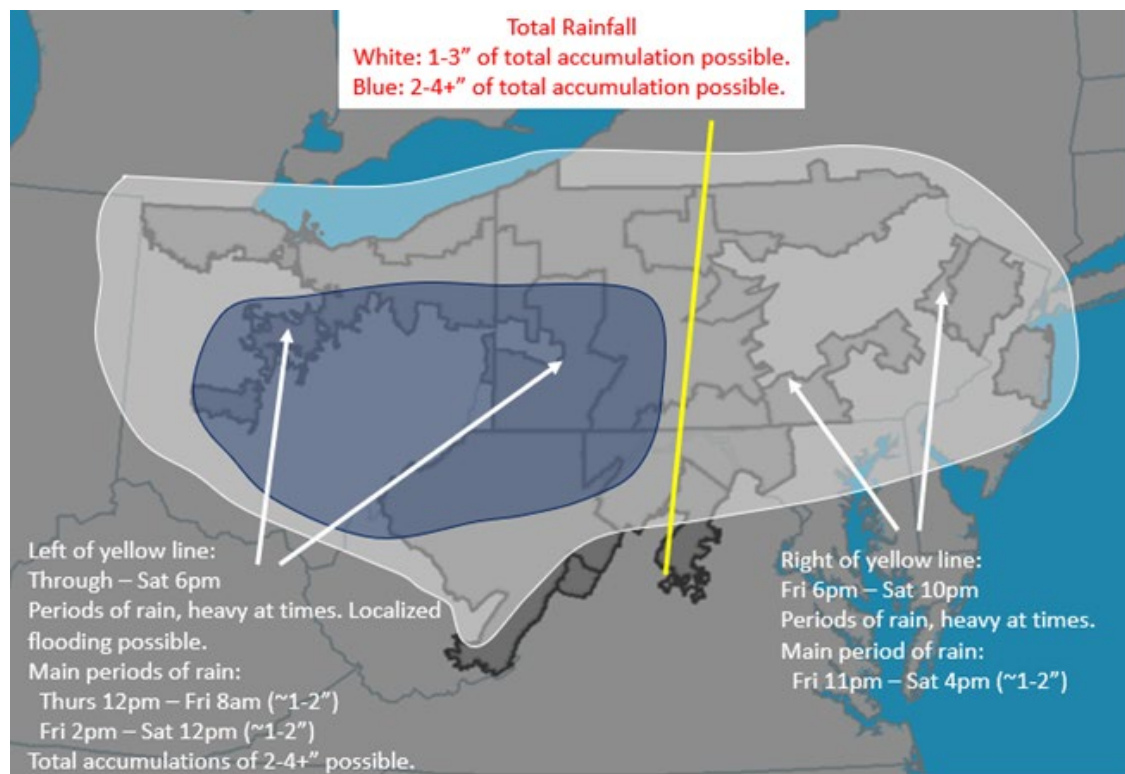
- Small changes to the main wind area, and small adjustments to timing. Peak winds are expected Saturday afternoon.
- Slight reduction in the thunderstorm risk for Saturday, although this portion of the forecast is still very uncertain due to uncertainty with the timing of the cold front. Any storms able to develop on Saturday remain capable of significant wind gusts.
- No changes to the overall rain forecast continuing through Saturday evening. Periods of locally heavy rainfall are expected, with localized flooding possible.

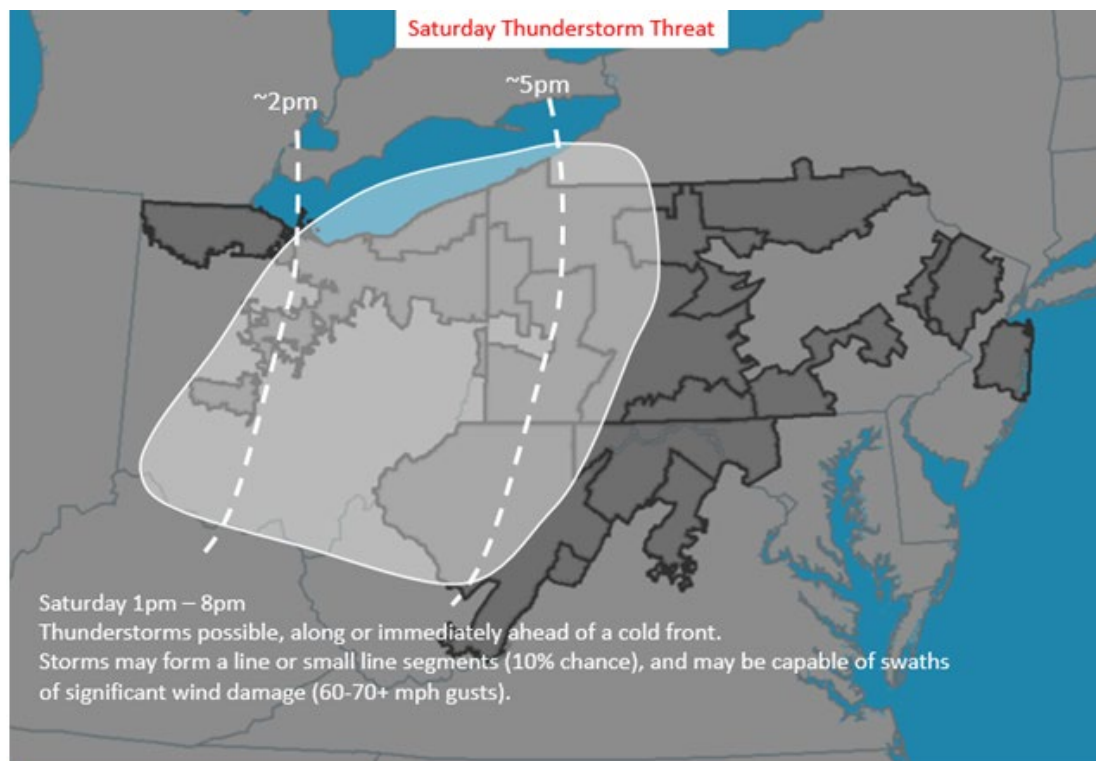
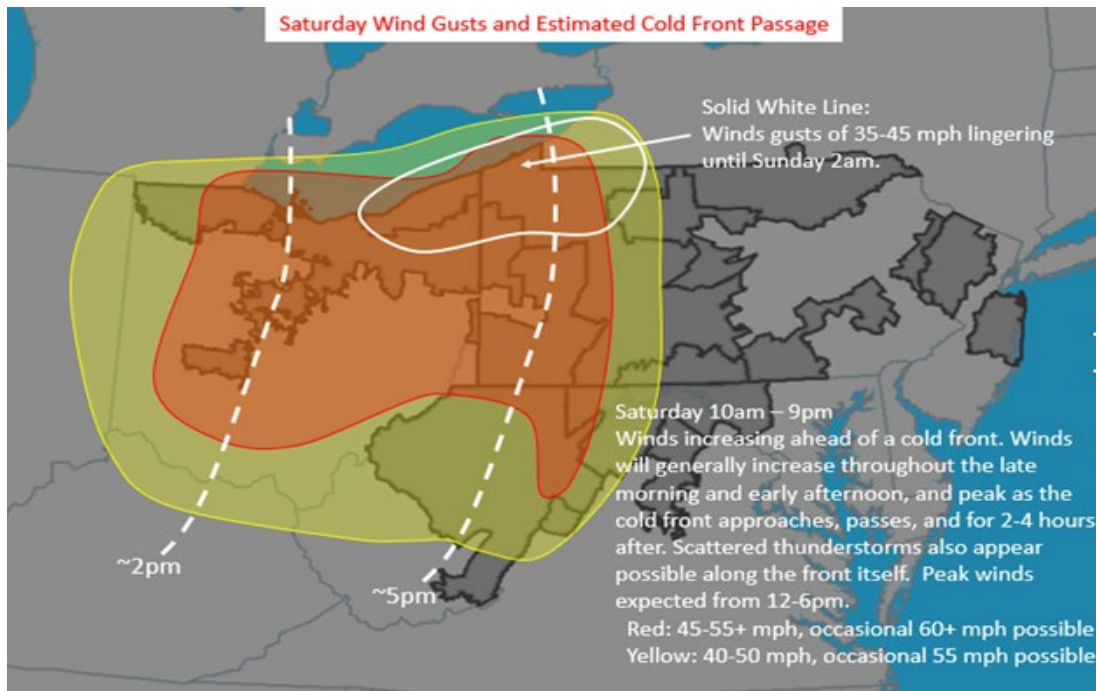
See three updated graphics below for further information.

Next Update by 11am Friday

Workoff – 716 397 4430

Manousos – 330 396 0059





Friday, March 24, 2023 @ 0847

Update:

Generally small changes to forecast this morning, mainly to update expected rain forecast through Saturday, and to clarify timing as best as possible. The timing of the cold frontal passage is still rather uncertain, but the big picture remains: *heavy rain is expected across western/southern FE Friday into Saturday, and strong wind gusts are expected across western FE Saturday afternoon.*

Changes:

- Updated rain forecast to focus on conditions expected for Friday through Saturday.
- Slight changes to overall wind forecast, mainly slight adjustments to timing. General wind gusts of 40-50 mph, with occasional gusts of 55+ mph, are expected across portions of western FE.
- Slight changes to thunderstorm forecast, to focus main potential on eastern OH and western PA. Strong gusts will be possible in any areas of showers associated along or ahead of the front, even in the absence of thunder.

See three updated graphics below for further information.

Next Update by 11am Saturday

Workoff – 716 397 4430

Manousos – 330 396 0059

